


Substitute for form 1449A/PTO (Modified)		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/782,846		
		Filing Date	February 18, 2004		
		First Named Inventor	HYLDIG-NIELSEN, et al		
		Art Unit	1635		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number	375461-036US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KS	A1	US-6,472,156 B1	10-29-2002	Wittwer et al.	
↓	A2	US-6,265,166	07-24-2001	Frank-Kamenetskii et al.	
	A3	US-2003/0077608	04-24-2003	Coull et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Citg No.	Foreign Patent Document Country Code ² Number ² Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
KS	B1	WO 00/18965 A1	04-06-2000	University of Utah Research Foundation		
	B2	WO 92/14845 A1	09-03-1992	Worcester Foundation for Experimental Biology		
	B3	WO 99/42611 A1	08-26-1999	The Secretary of State for the Defense		
	B4	WO 00/56746 A2	09-28-2000	Exiqon A/S		
	B5	WO 01/48190 A2	07-05-2001	Exiqon A/S		
	B6	WO 02/28875 A2	04-11-2002	Cureon A/S		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ³
KS 						

Examiner Signature	/Katherine Salmon/	Date Considered	04/17/2006
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/782,646	
			Filing Date	February 18, 2004	
			First Named Inventor	HYLDIG-NIELSEN, et al	
			Art Unit	1635	
Examiner Name	Not Yet Assigned				
Sheet	2	of	2	Attorney Docket Number	375461-036US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ^o	
KS	C11	MARRAS et al., "Efficiencies of Fluorescence Resonance Energy Transfer and Contact-Mediated Quenching in Oligonucleotide Probes," Nucleic Acids Research, 2002, 1-8, 30(21)		
	C12	SAGHATELIAN et al., "DNA Detection and Signal Amplification Via An Engineered Allosteric Enzyme," J. Am. Chem. Soc., 2003, 344-345, 125		
	C13	SINGH et al., "Universality of LNA-Mediated High-Affinity Nucleic Acid Recognition," Chem. Commun., 1998, pp. 1247-1248		
	C14	STUYVER et al., "Classification of Hepatitis C Viruses Based on Phylogenetic Analysis of the Envelope 1 and Nonstructural 5B Regions and Identification of Five Additional Subtypes," Proc. Natl. Acad. Sci. USA, October 1994, 10134-10138, 91		
	C15	STUYVER et al., "Second-Generation Line Probe Assay for Hepatitis C Virus Genotyping," Journal of Clinical Microbiology, September 1996, 2259-2266, 34(9)		
	C16	TIAN et al., "Solvent Effect on the Triplet Lifetime of Some Rhodamine Dyes," Dyes and Pigments, 1994, 167-174, 26		
	C17	YARON et al., "Intramolecularly Quenched Fluorogenic Substrates for Hydrolytic Enzymes," Analytical Biochemistry, 1979, 228-235, 95		
	C18	ZEIN, "Clinical Significance of Hepatitis C Virus Genotypes," Clinical Microbiology Review, April 2000, 223-235, 13(2)		
	C19	International Search Report for PCT/US2004/004815 dated August 24, 2004.		

Examiner Signature	/Katherine Salmon/	Date Considered	04/17/2006
-----------------------	--------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

11760251.1.BUSINESS